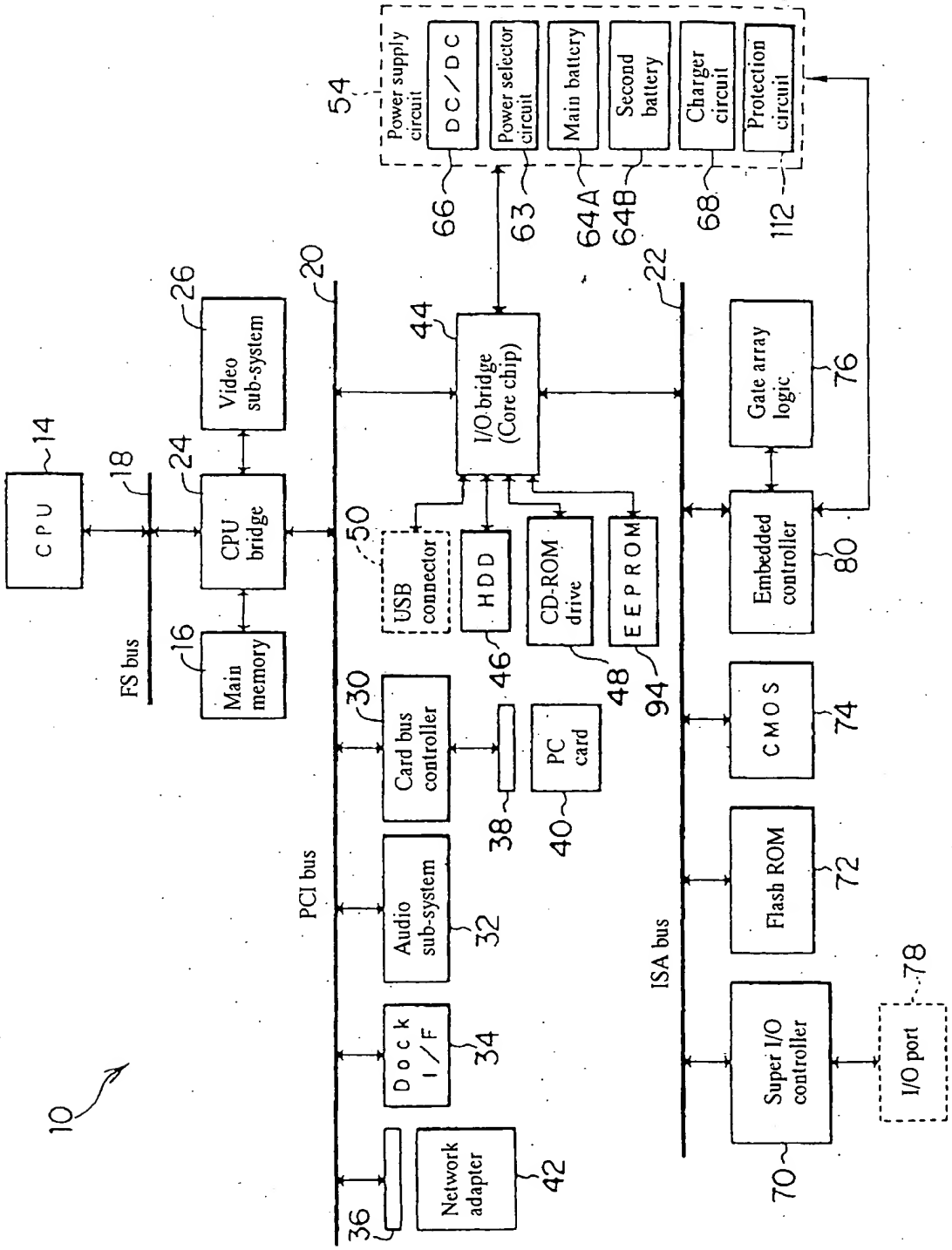
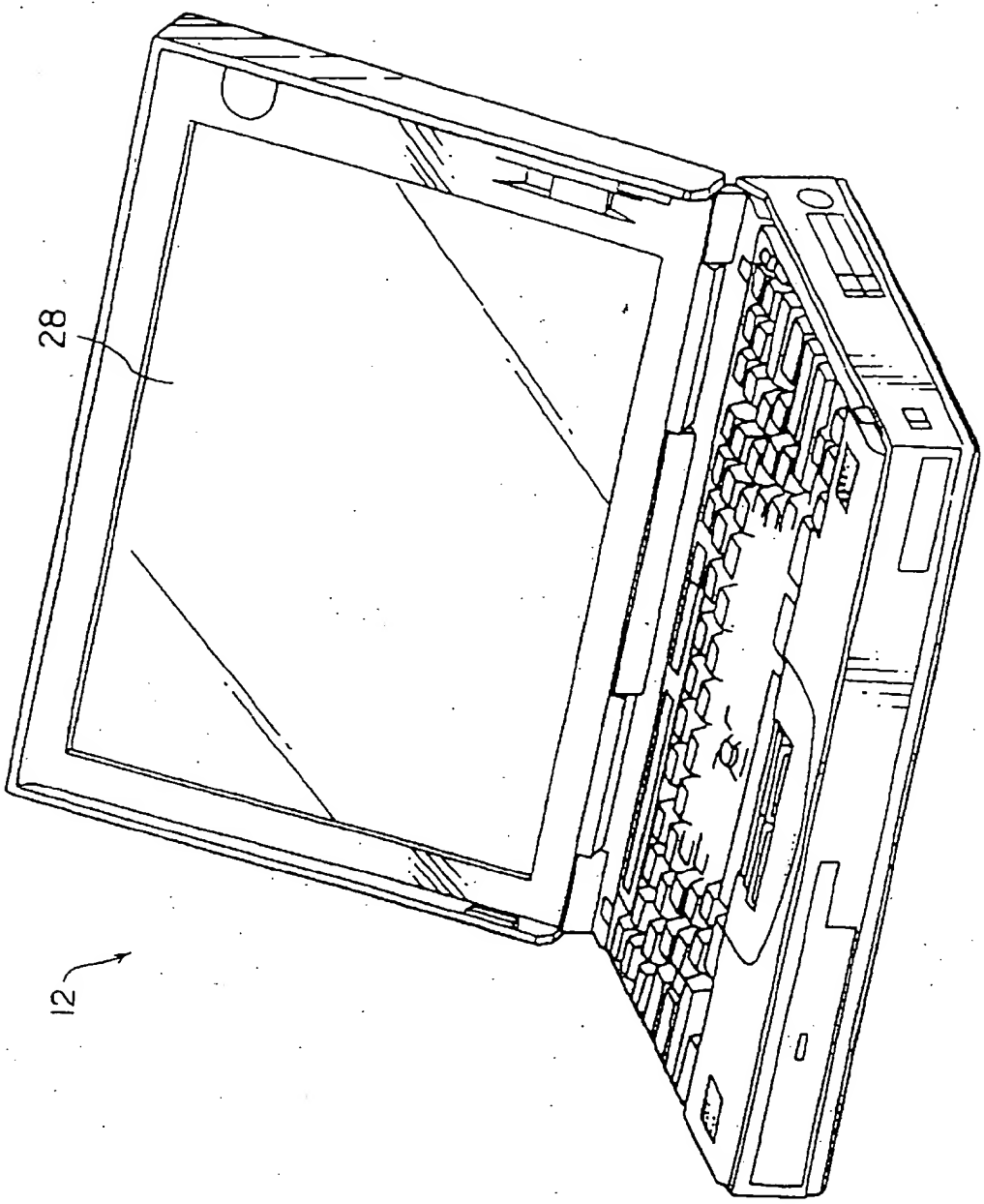
[Document type] Drawing

[Figure 1] (1/5)

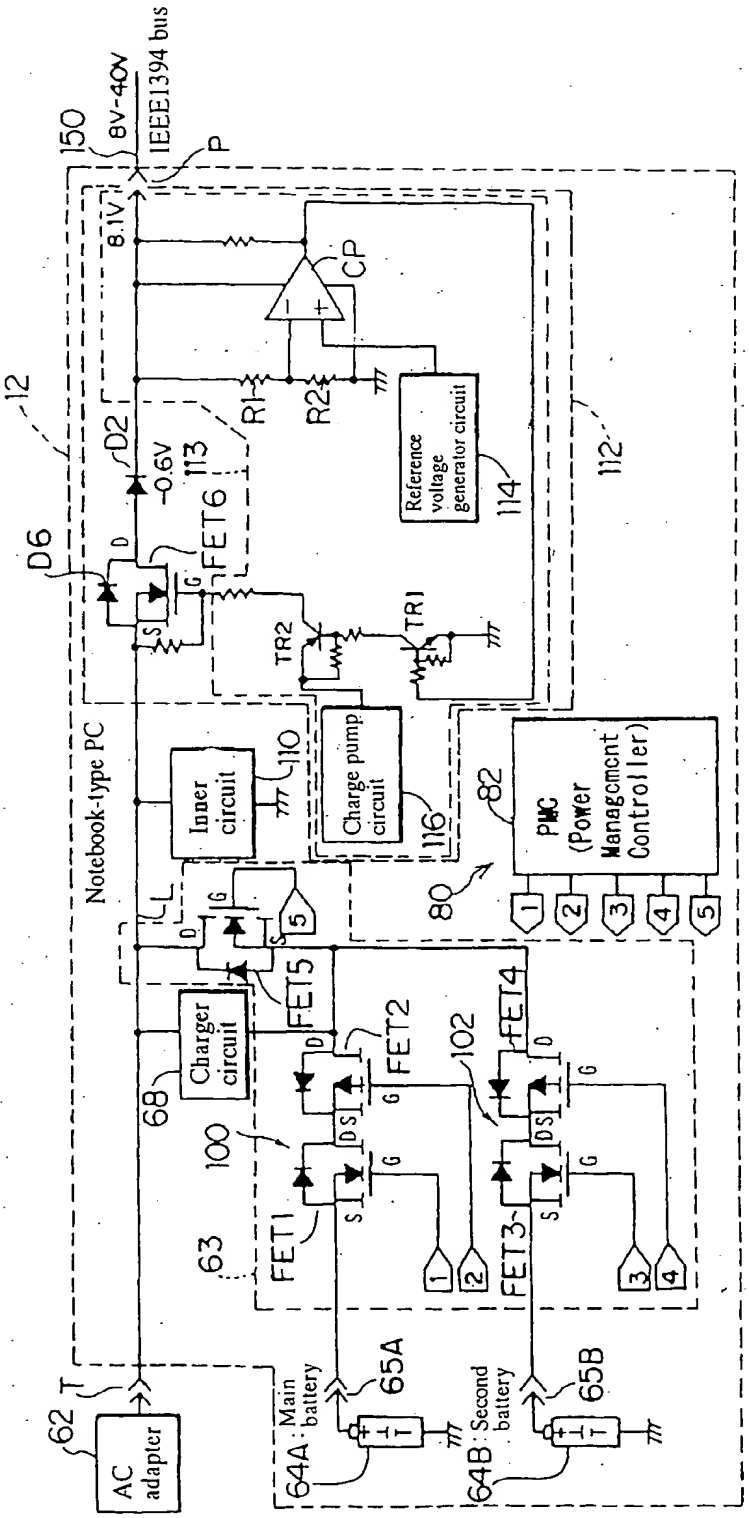


[Figure 2]

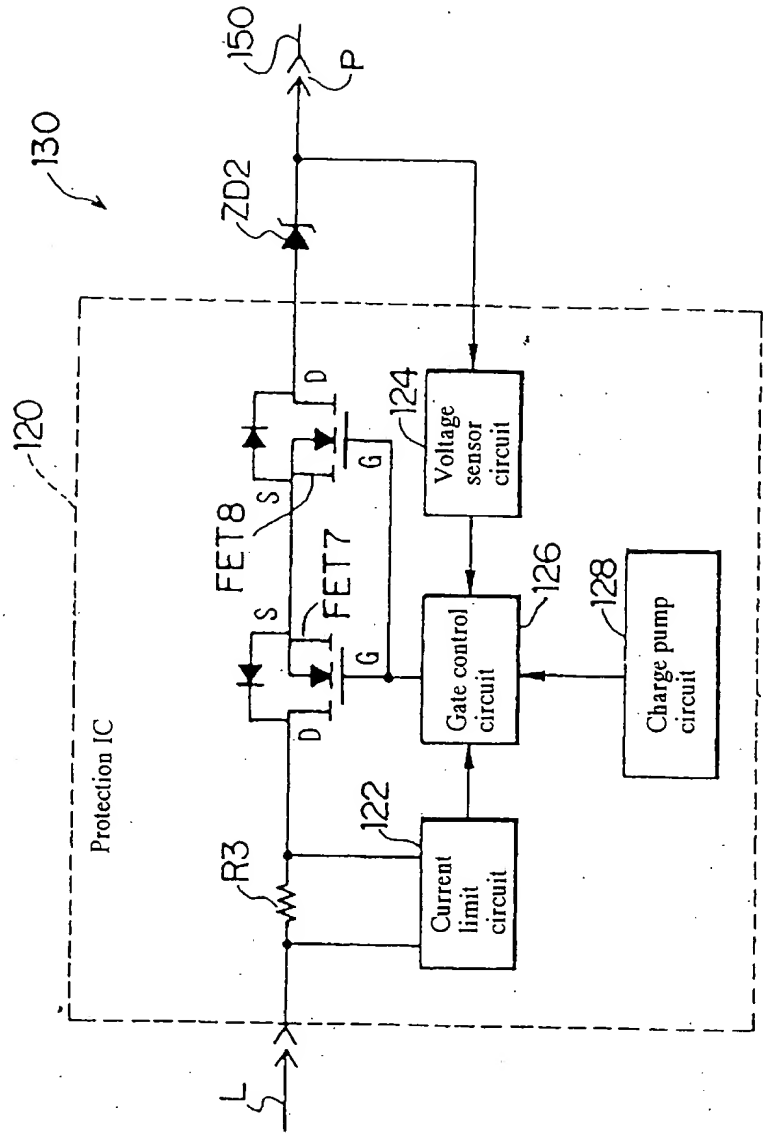


JP00-3569-US

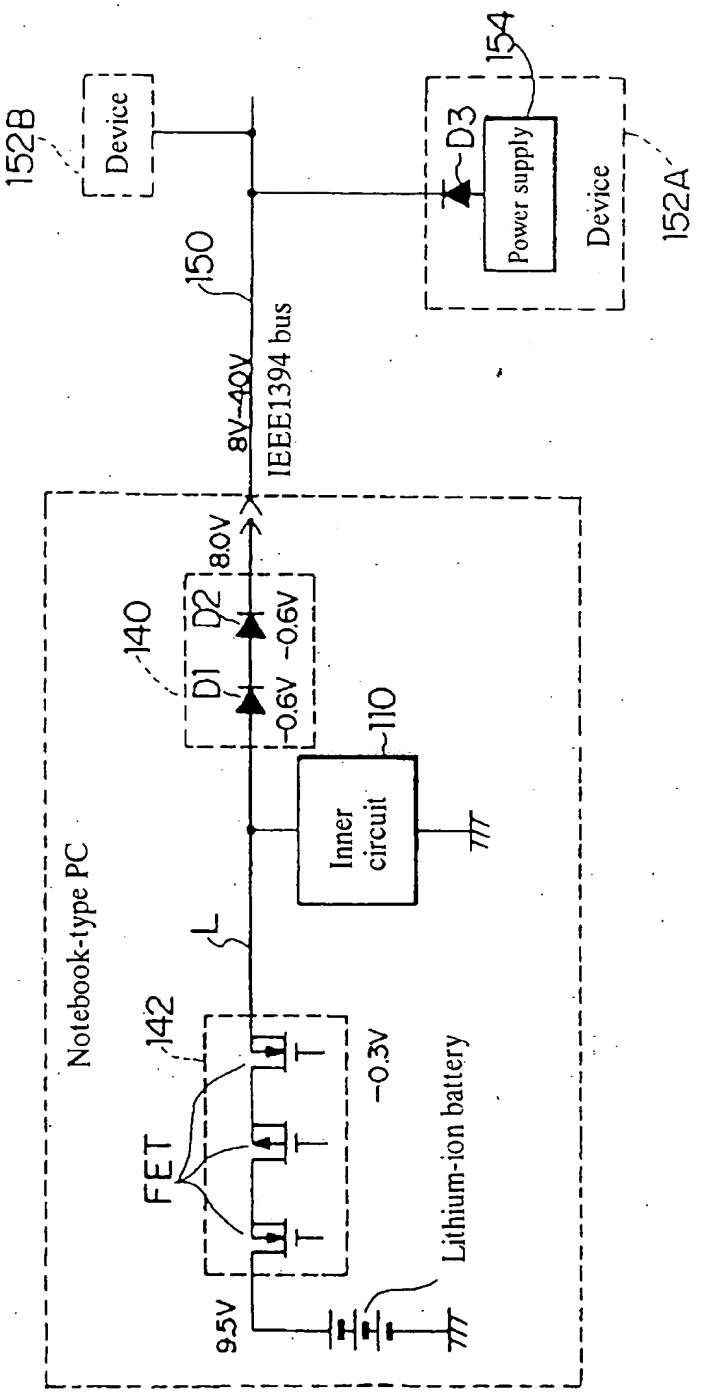
[Figure 3]


150
8V-40V
IEEE1394 bus
P
8.1V
CP
R1
R2
12
D2
-0.6V
113
FET6
D6
Reference voltage generator circuit
114
112
TR2
TR1
Notebook-type PC
Inner circuit
110
Charge pump circuit
116
82
PMC (Power Management Controller)
80
L
FET5
FET2
FET4
102
Charger circuit
68
100
FET1
FET3
63
65A
65B
64A: Main battery
64B: Second battery
62
T
AC adapter

[Figure 4]


150
P
130
ZD2
120
D
G
124
Voltage sensor circuit
S
FET8
FET7
S
G
126
128
Gate control circuit
Charge pump circuit
D
122
Protection IC
R3
Current limit circuit
L

[Figure 5]


152B
Device
154
D3
Power supply
Device
152A
150
IEEE1394 bus
8V-40V
8.0V
140
D1
D2
-0.6V
-0.6V
110
Inner circuit
Notebook-type PC
L
142
FET
-0.3V
9.5V
Lithium-ion battery